

Walk

① data

$$d = 30.2 \text{ km}$$

$$t = 6.2 \text{ hrs}$$

$$S = ?$$

② equation

$$S = \frac{d}{t}$$

$$\frac{1 \text{ hr}}{49 \text{ min}} \times \frac{1 \text{ hr}}{60 \text{ min}}$$

$$49 = .82 \text{ hrs}$$

$$1.82 \text{ hrs.}$$

$$\frac{49 \text{ min}}{1} \times \frac{1 \text{ hr}}{60 \text{ min}} \quad \frac{49}{60} \text{ hr.}$$

$$= .82 \text{ hr.}$$

$$\frac{+1 \text{ hr}}{1}$$

$$t = 1.82 \text{ hr.}$$

② equation

$$S = \frac{d}{t}$$

③ Substitution

$$S = \frac{d}{t} = \frac{30.2 \text{ km}}{6.2 \text{ hr}} =$$

$$\textcircled{4} \textcircled{5} S = 4.87 \frac{\text{km}}{\text{hr}}$$

Average Walking Speed

5.77 km/s

4.9 km/h

5.73 km/hr

4.58 km/hr

5 km/hr

4.65 km/hr

4.89 km/hr

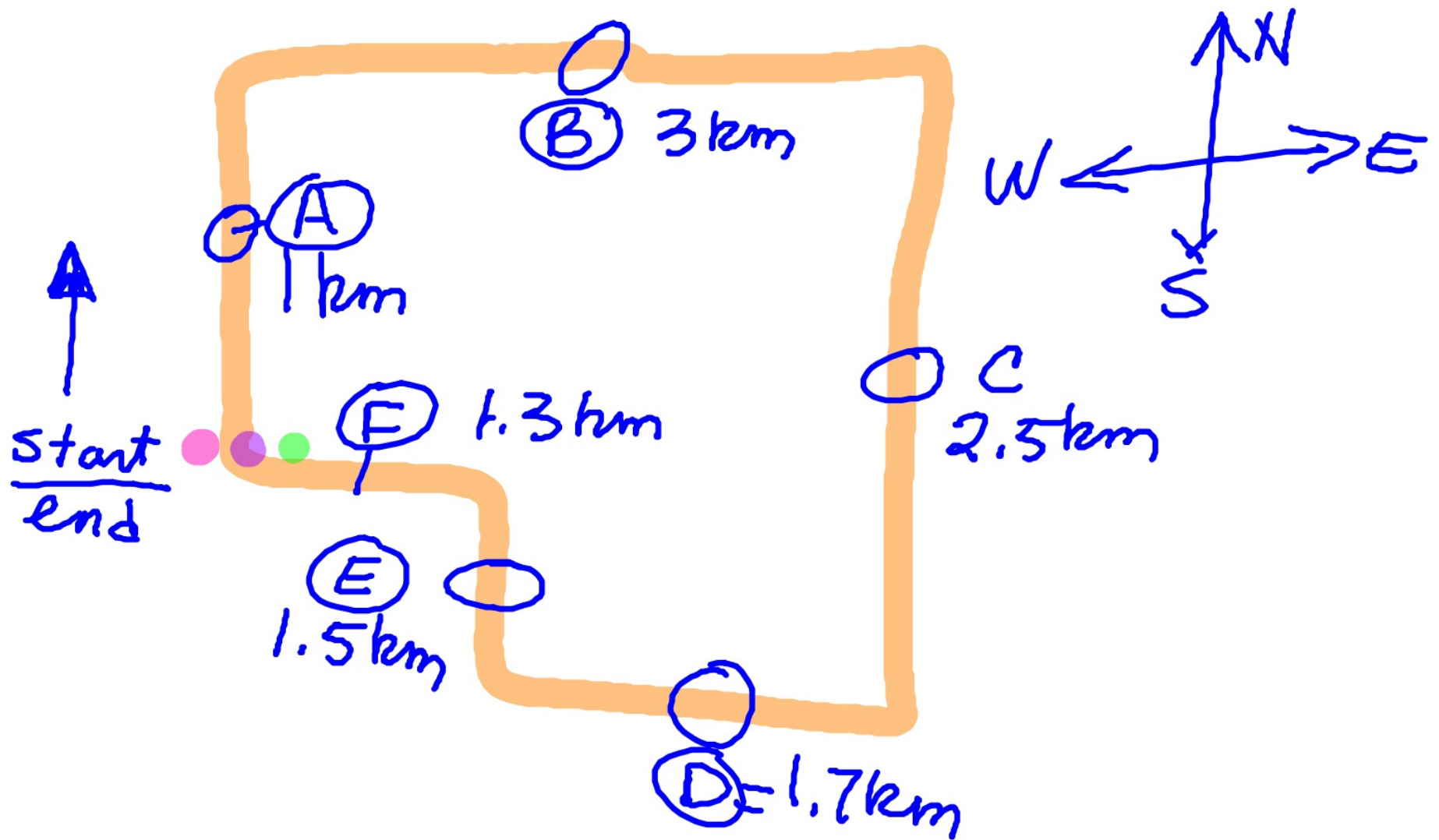
4.74 km/hr

5.72 km/hour

8.57 km/hr

4.78 km/hr ☺

4.57 km/s



	d	a	t	S	d	b	t	S	d	c	t	S
PINK	1	km	.02		3	km	.07		2.5	km	.05	
PURPLE	1	km	.03		3	km	.06		2.5	km	.05	
Green	1	km	.03		3	km	.07		2.5	km	.04	

	d ₀	t	S	d _E	t	S	d _F	t	S
PINK	1.7km	.03		1.5km	.02		1.3km	.03	
PURPLE	1.7km	.04		1.5km	.03		1.3km	.02	
Green	1.7km	.04		1.5km	.03		1.3km	.03	
Totals	distance								
	time								
			PINK		PURPLE		Green		